```
graph = {
    1: [2, 3],
    2: [4],
    3: [],
    4: []
}

def bfs(start):
    visited = []
    queue = [start]
    while queue:
        node = queue.pop(0)
        if node not in visited:
            visited.append(node)
            queue.extend(graph[node])
    print("BFS:", visited)

def dfs(start, visited=None):
    if visited is None:
        visited = []
    visited.append(start)
    for n in graph[start]:
        if n not in visited:
            dfs(n, visited)
    return visited

bfs(1)
print("DFS:", dfs(1))
```

Output:

```
BFS: [1, 2, 3, 4]
DFS: [1, 2, 4, 3]
```